



Title of the Invention: Multipath Access System for Use  
in an Automated Immunoassay Analyzer  
Inventor's Name: Palmieri et al.  
Docket No./Application No.: 10/813,604

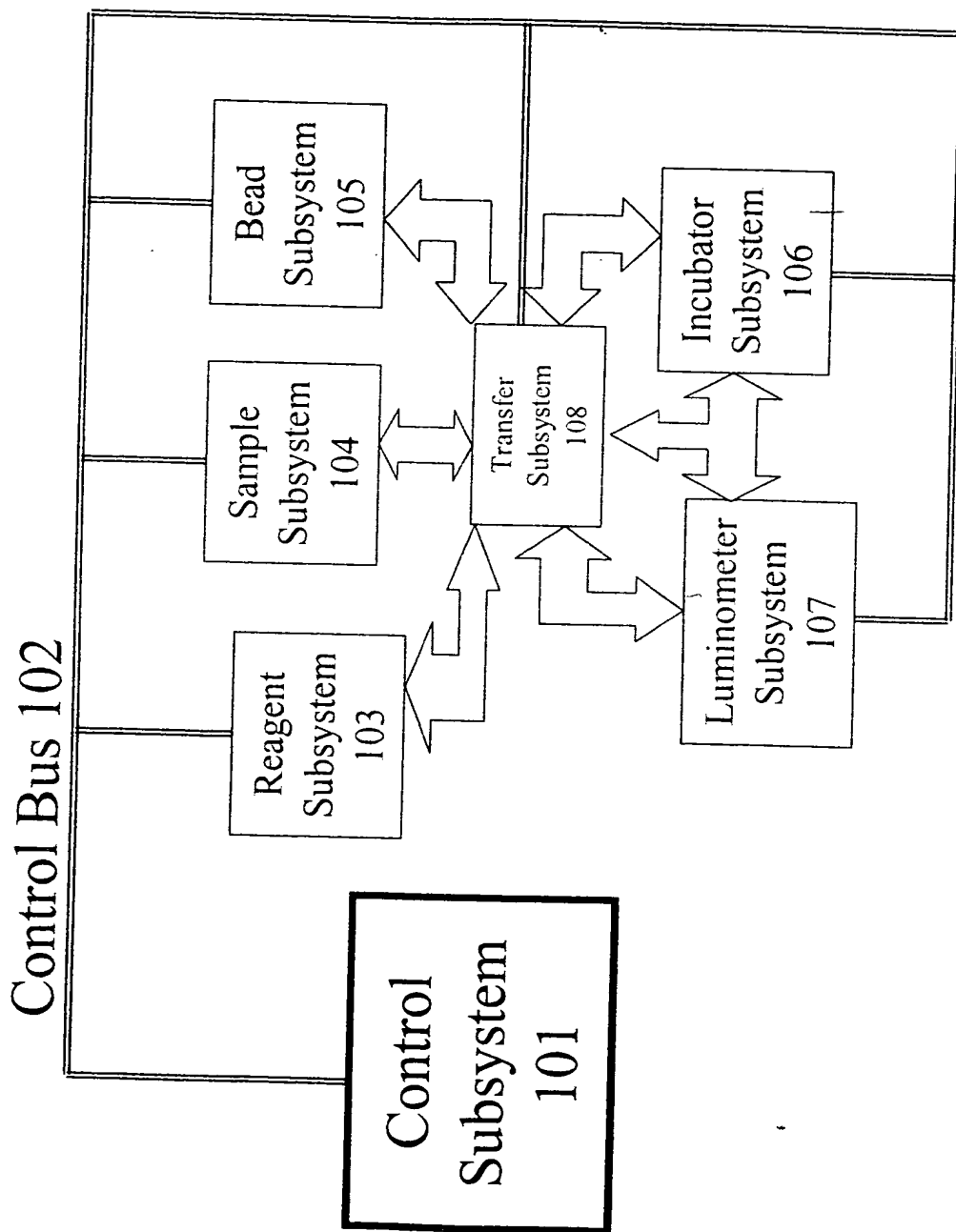


Figure 1

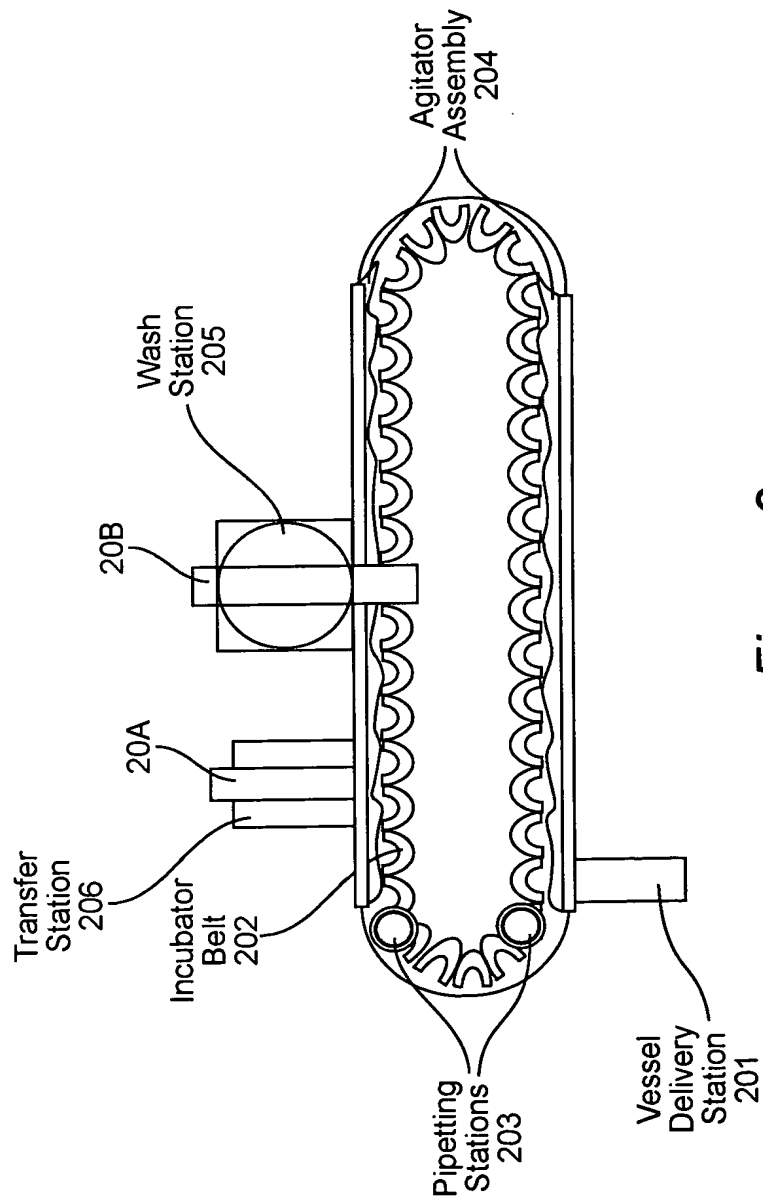
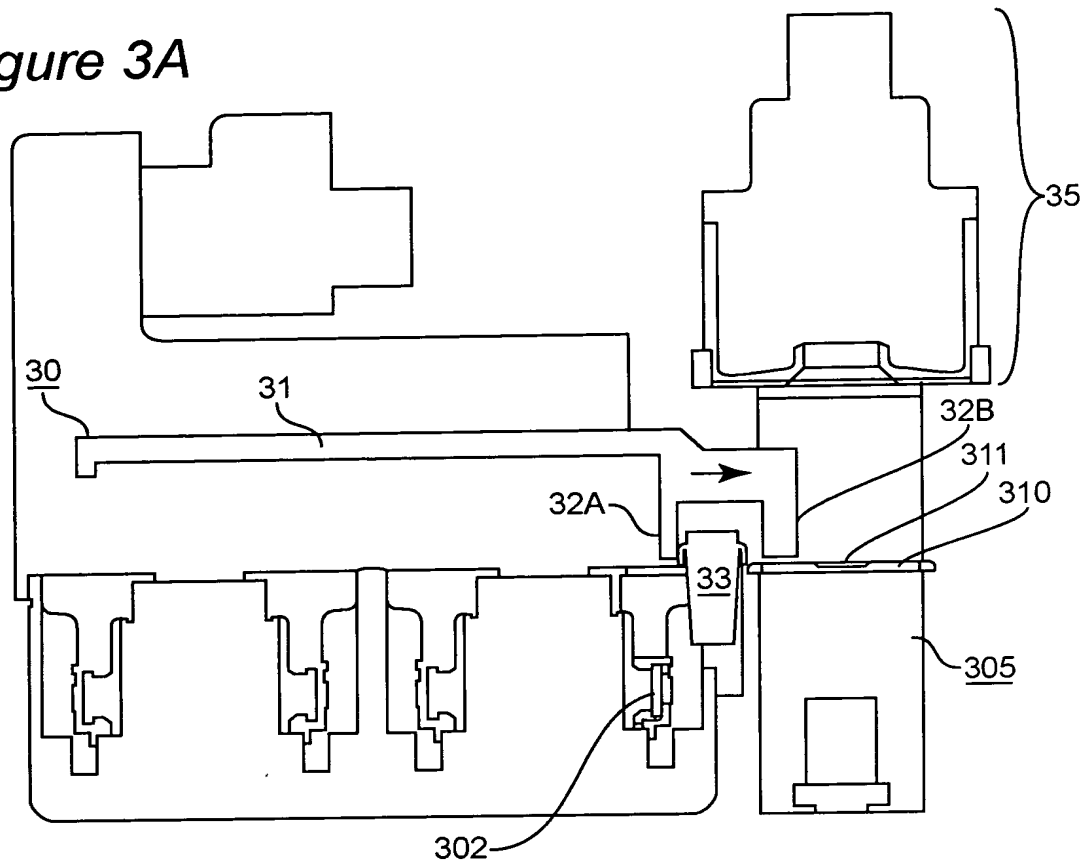
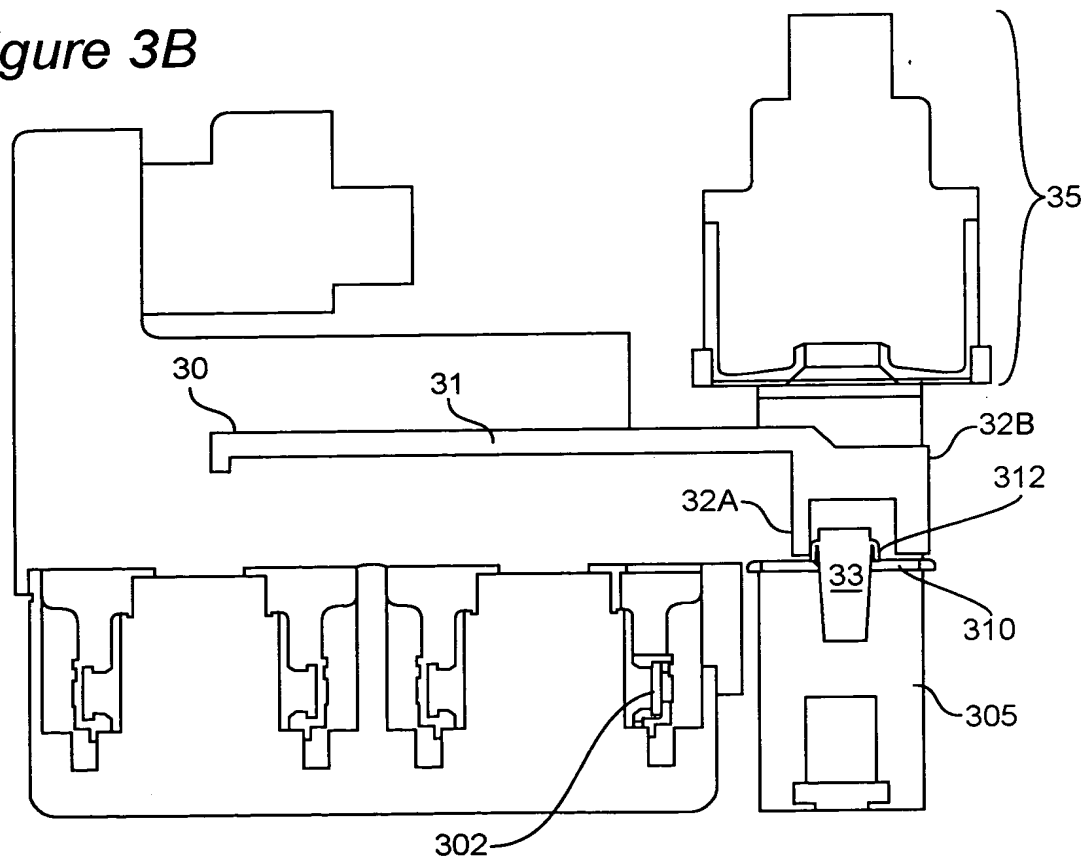


Figure 2

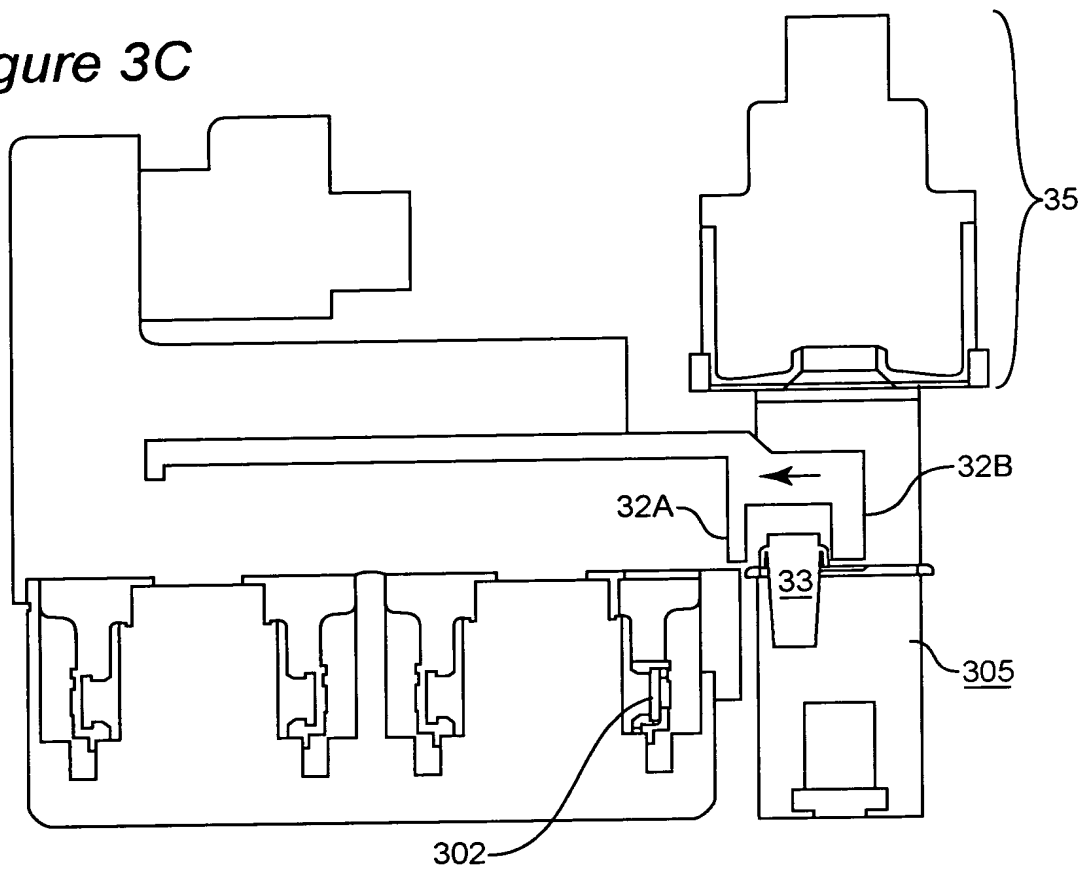
*Figure 3A*



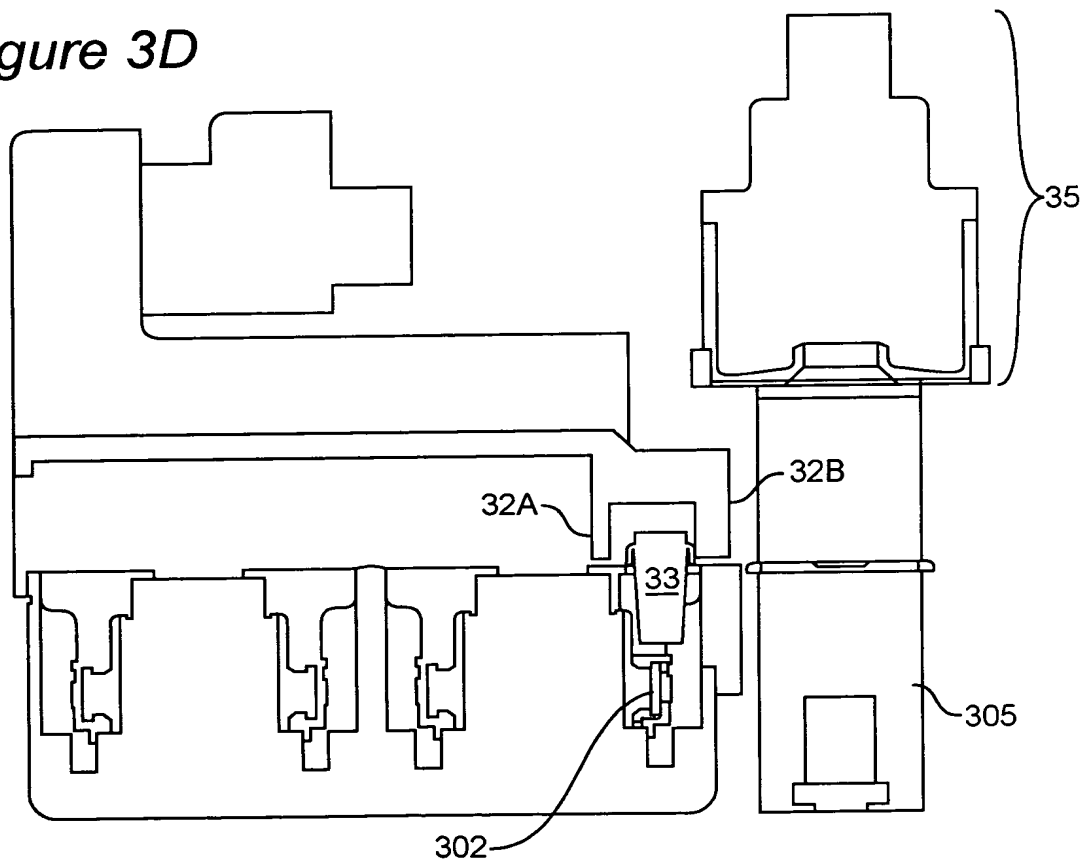
*Figure 3B*



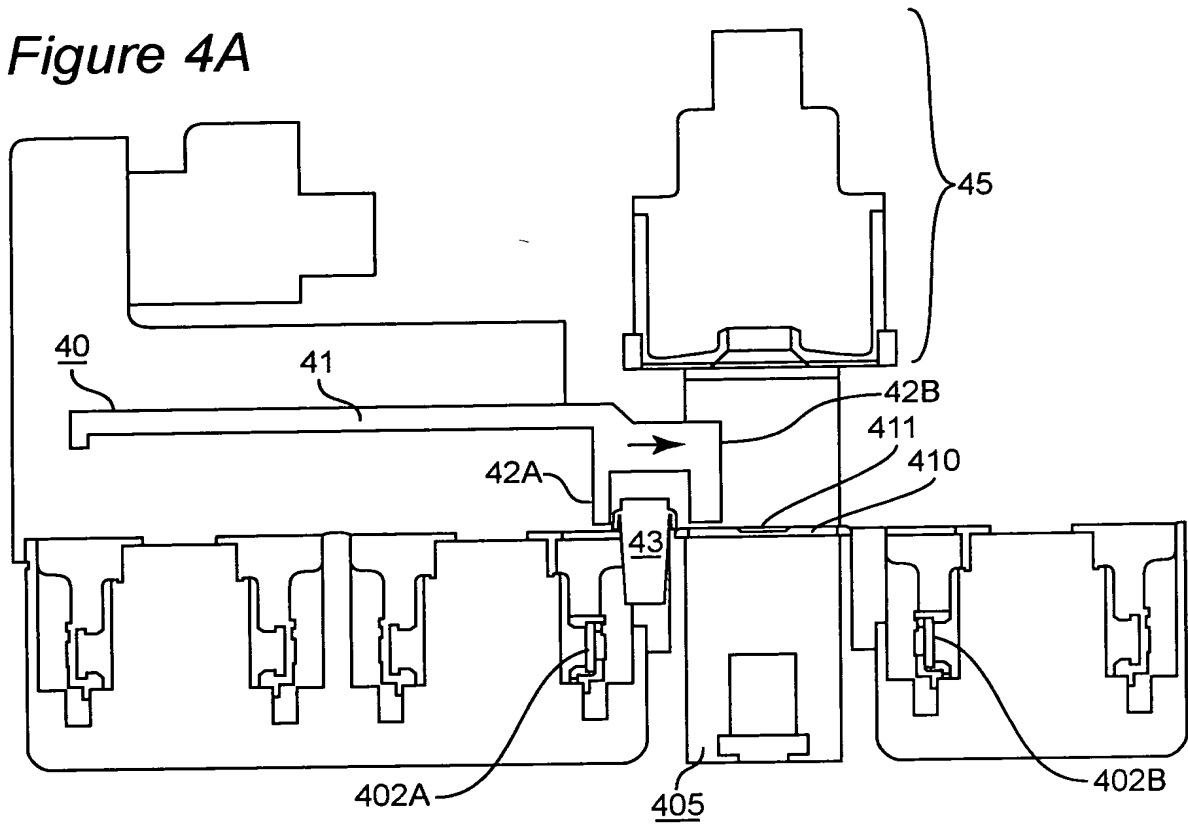
*Figure 3C*



*Figure 3D*



**Figure 4A**



**Figure 4B**

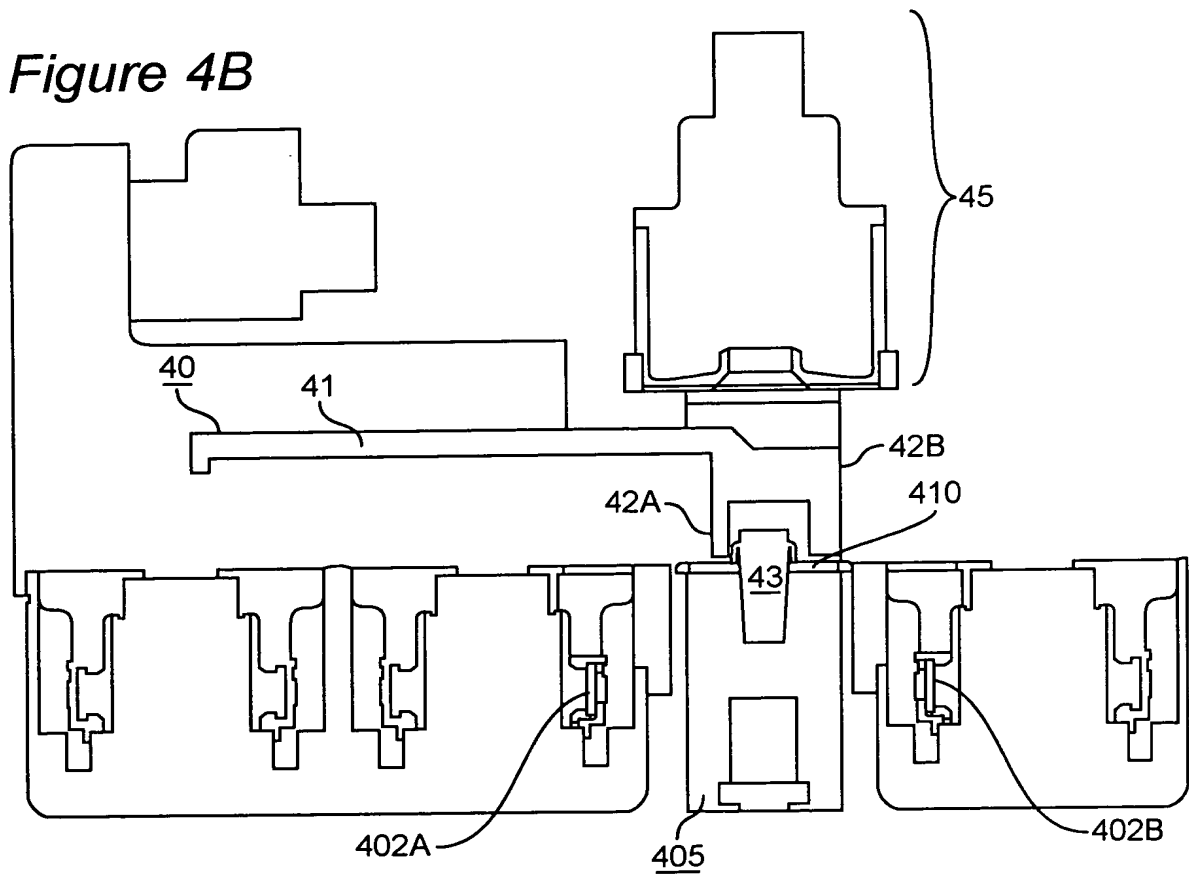


Figure 4C

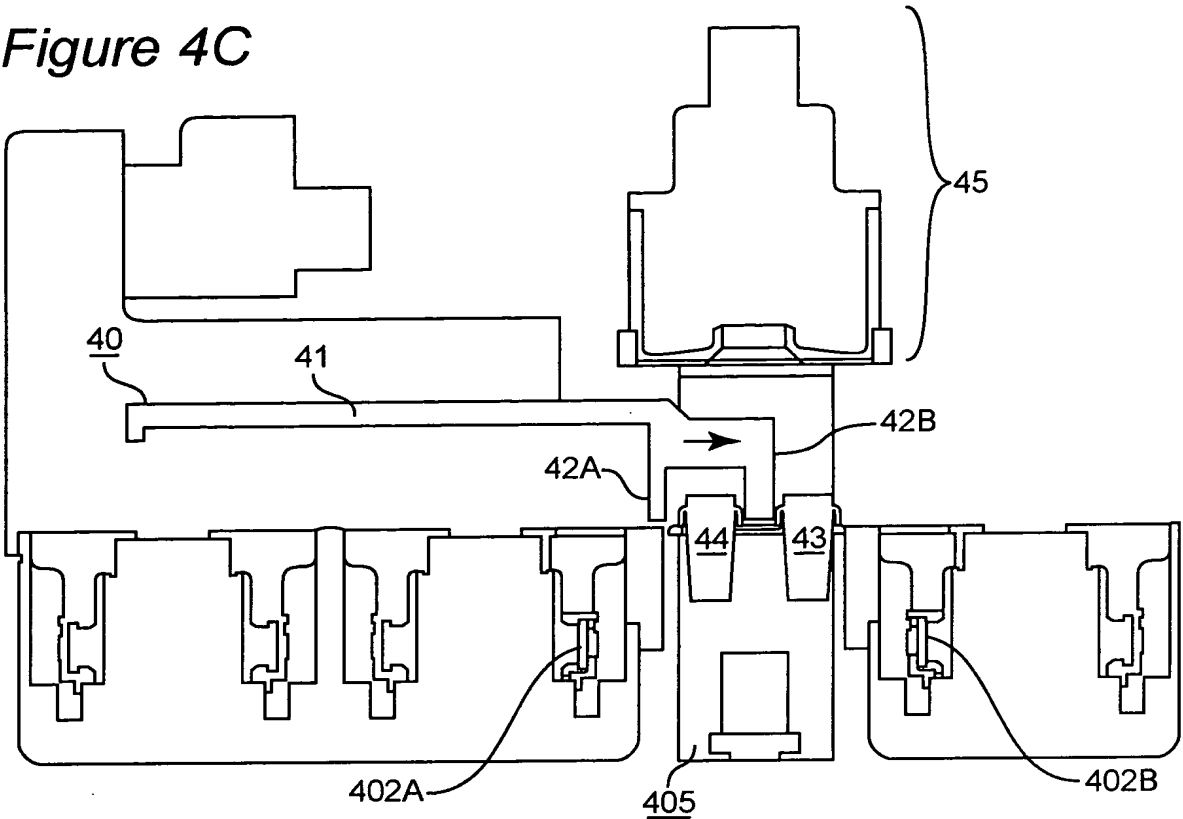
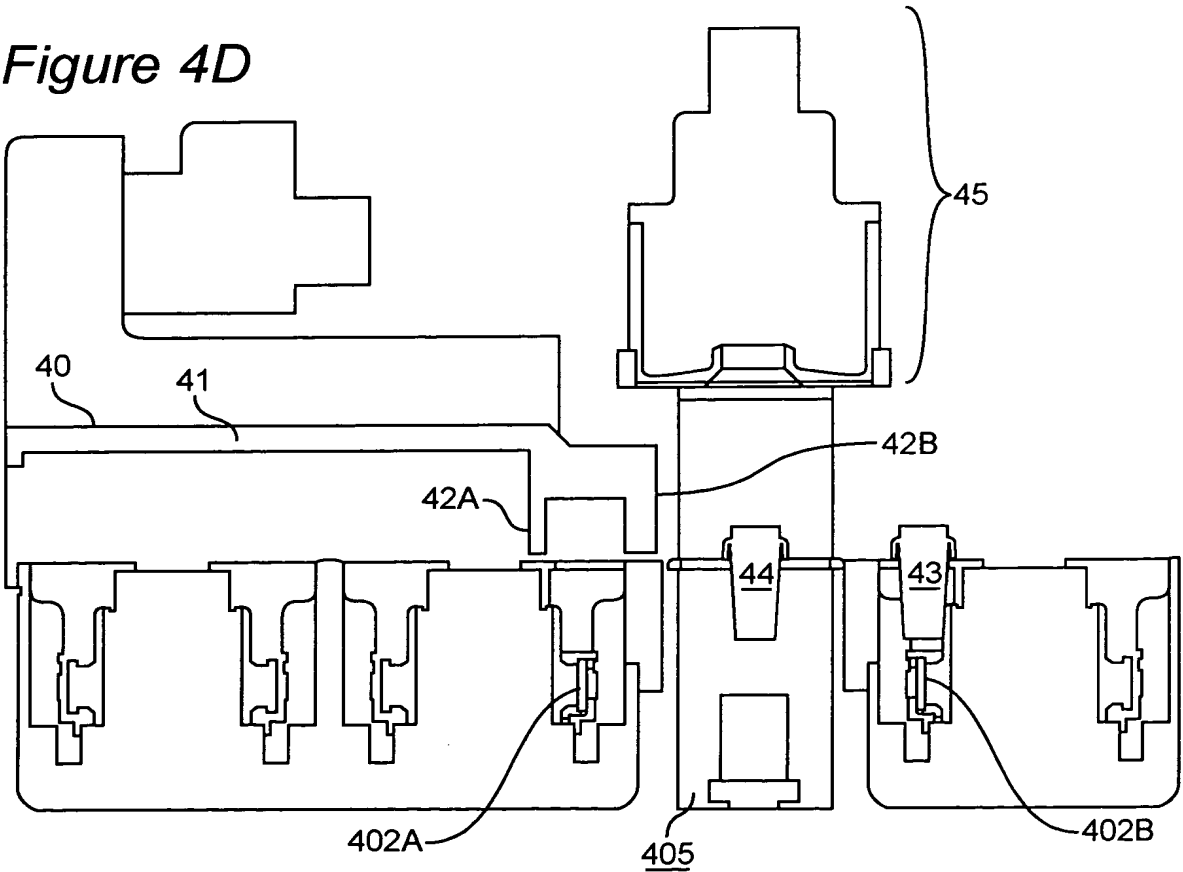


Figure 4D



Sample Vessel	Assay	Sample	Dilution	# of Reagents	Wash Cycles	Test Duration (min.)
A	TSM	Blood	Yes	2	2	37.20
B	TSH	Plasma	No	1	1	16.80
C	TT4	Urine	Yes	1	1	4.80
D	TT4	Urine	Yes	1	1	4.80
E	TSM	Blood	Yes	2	2	37.20

Figure 5

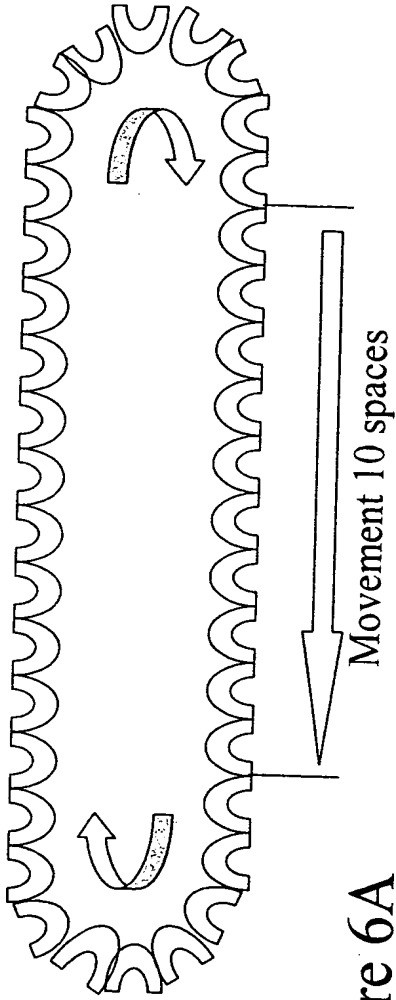


Figure 6A

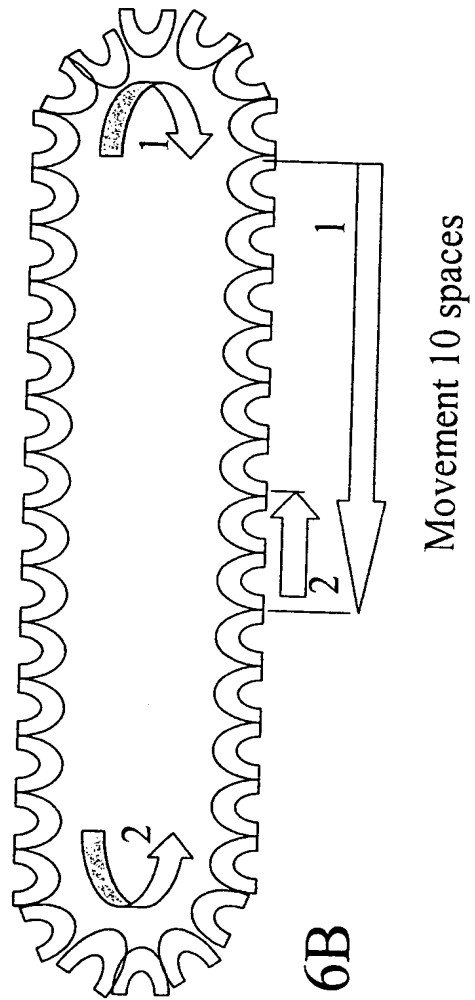


Figure 6B



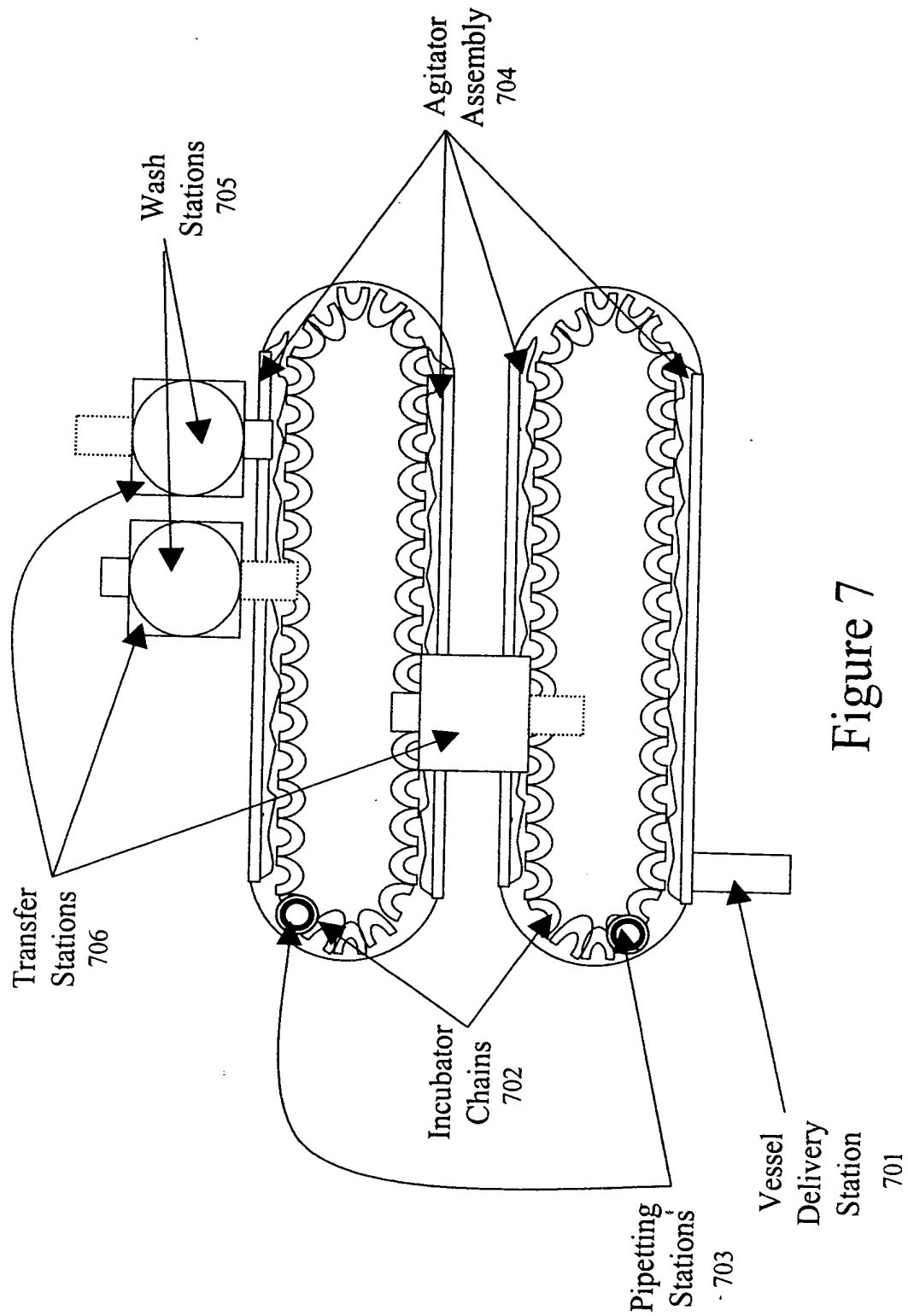


Figure 7

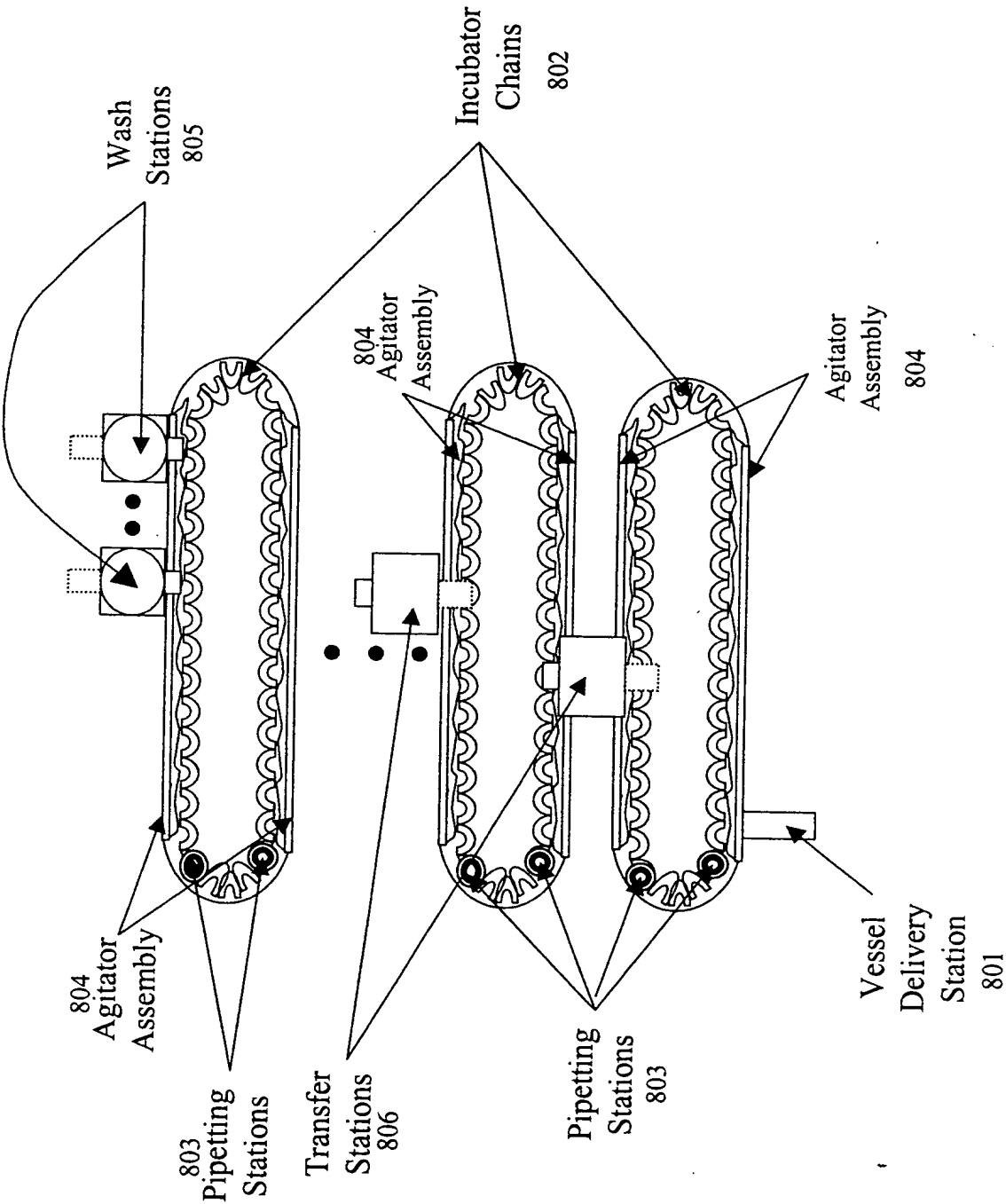
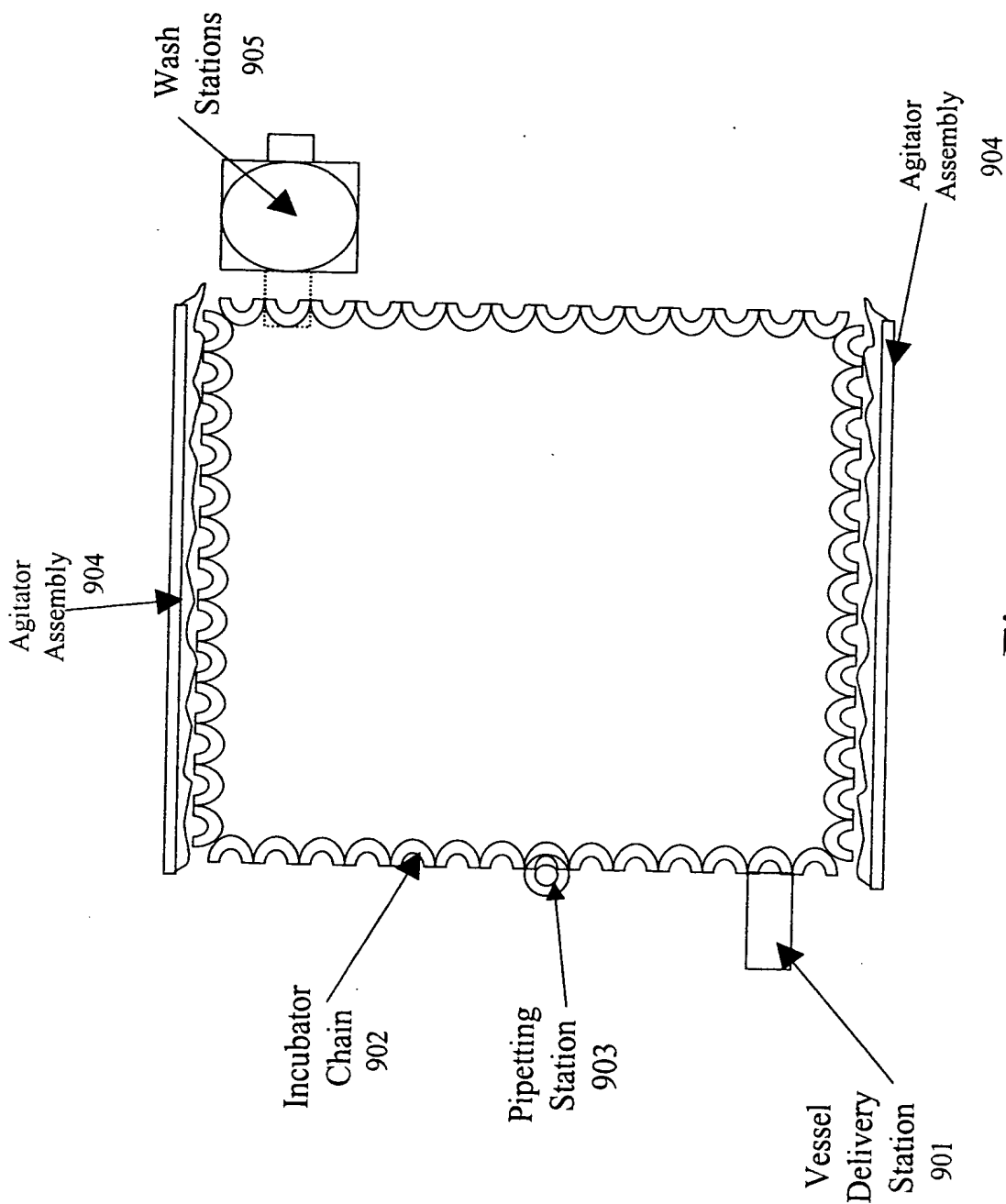


Figure 8



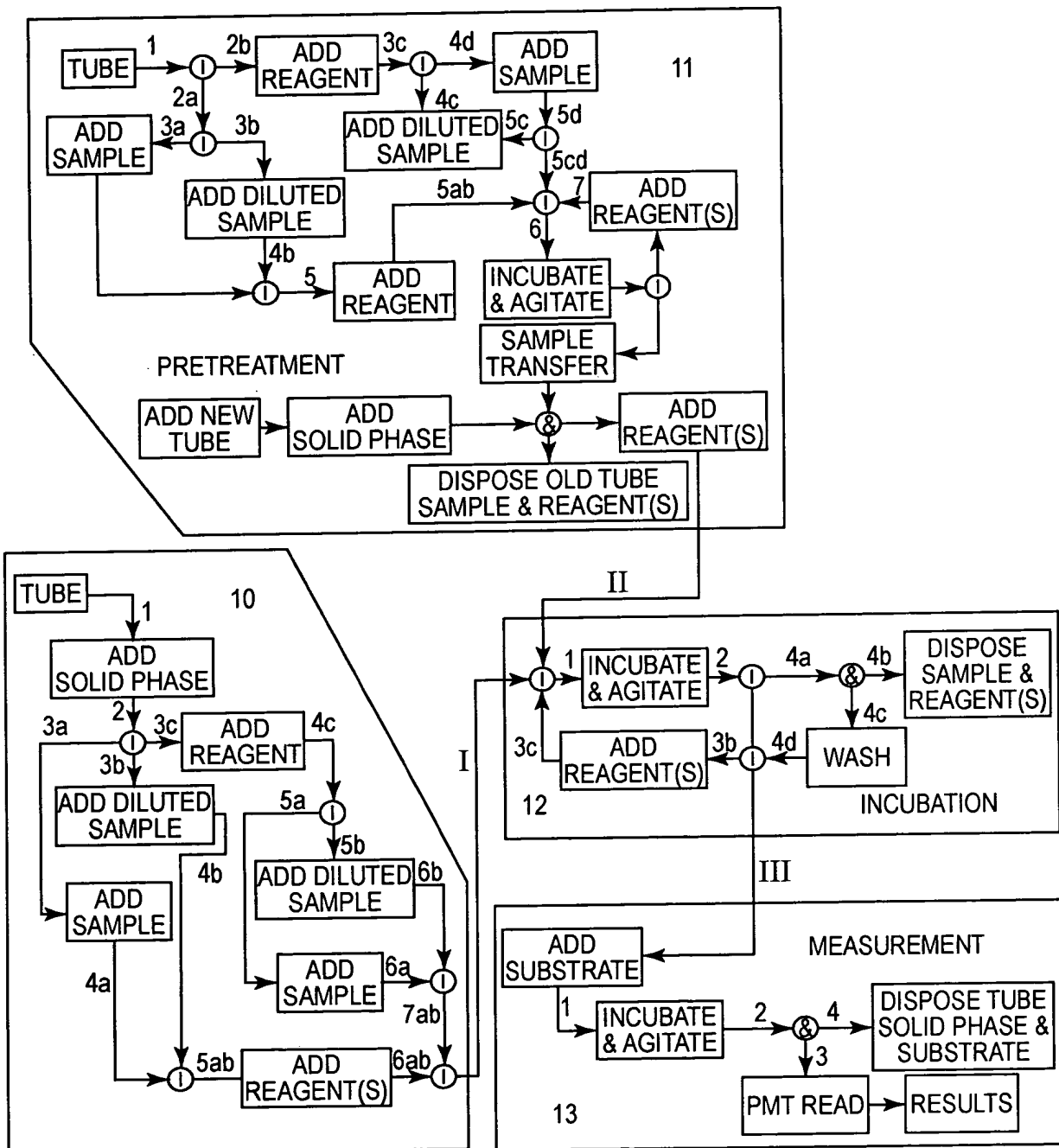


Figure 10